

Rector's Decree No. 224/2022

CALL FOR APPLICATIONS
Summer School Course in
"The Regulation of Robotics & AI in Europe: Legal, Ethical and Economic
Implications"
academic year 2021/2022

In partnership with the Jean Monnet "Centre of
Excellence on the Regulation of Robotics and Artificial Intelligence" (EURA)

Art. 1
Start up

The Dirpolis Institute of the Sant'Anna School of Advanced Studies of Pisa has activated the fourth edition of the Higher Education Course in **"The Regulation of Robotics & AI in Europe: Legal, Ethical and Economic Implications"**, pursuant to art. 7 of the Charter.

The course Director will be Professor Andrea Bertolini.

The Course will be held in Pisa, from 04 July 2022 to 09 July 2022, for a total of 40 hours.

The possibility of online participation is reserved for those who are unable to travel and attend the Course on site, due to the Covid-19 situation. The latest option will be granted at the discretion of the Scientific Director.

The official language of the Course is English.

Art. 2
ECTS

The Course envisages the acknowledgement of 2 (two) European Credit Transfer and Accumulation System (ECTS) that will be awarded upon successful completion of the Course, which requires the attendance of at least 85% of classes and passing the final examination.

Art. 3
Educational Objectives

The Course will provide participants with an advanced understanding of the European framework of robotics and AI technologies. Advanced robotics and AI represent a novel kinds of applications that need to be fitted within a pre-existing framework of legal standards, and socio-ethical beliefs and principles. In particular, they need to comply with existing regulation, be respectful of – and promote – existing rights as recognized by the Charter of Fundamental Rights of the European Union (CFR), abide a responsible research and innovation approach and take into account existing – social – needs and desires.

It is therefore essential, both for engineers designing such applications and for lawyers and philosophers seeking to acquire relevant professional skills, to be able to counsel roboticists and robotic enterprises, and to acquire an exact understanding of all the different profiles and of interdisciplinary interactions.

The Summer School aims at providing international students, policy makers, and professionals from different backgrounds with the knowledge and interdisciplinary skills necessary to understand the different issues posed by the development and diffusion of robotics in EU, namely to: design robots/counsel enterprises, ensuring compliance with applicable regulation, technical-ethical standards, social acceptability and respect of the CFR, develop risk-management strategies and entrepreneurship models, as well as define new EU policies on these matters.

At the end of the Course, participants will be able to: (i) understand the non-technological issues to take into account in robotic products design, (ii) carry out independent research in the field of law and technology, (iii) provide qualified technical advice to interested parties to bring robotic technologies to the market, (iv) and carry out the same activities for national and supranational institutions interested in regulating such innovative products.

Art. 4 Recipients

The Course is intended for international students coming from different backgrounds at an advanced stage of their university-career – students having a bachelor degree or enrolled at their fourth year (or above) of a Single-Cycle University Course (5 or 6 years' university course), young researchers and professional working in the field of law, social sciences, engineering, economics and management, policy makers and officials working in national, international and European Institutions.

Art. 5 Course Structure

The Summer School is structured into lectures and case-studies, and will make use of an extremely interdisciplinary approach granted by the diverse competences of the key staff members.

The classes will address the following topics:

- The technical and the legal definition of robots and AI
- The taxonomy of existing robotic devices
- Criminal and liability rules, insurance and risk-management strategies in light of existing and emerging EU law
- IP Law
- Data protection
- Design and social perception of robots
- Ethical assessment of technological innovation
- Responsible research and innovation
- Bioethics and robo-ethics
- Business modelling and innovation in high-tech markets
- Technological impact on the labor market and economic growth.

The Summer School lasts 6 days. Classes begin at 9.00 AM and end at 6.30 PM, with an hour and a half for lunch. Each class is 1.30 hours long, with 30 minutes' break.

The final take-home examination will require students to answer a series of questions. The exam has to be emailed by Friday the 8th of July 2022, 11.59 PM, to aura@santannapisa.it.

The training activities are provided on site. The possibility of online participation is reserved for those who are unable to travel and attend the Course on site. The latest option will be granted at the discretion of the Scientific Director. The optional Distance Learning teaching method will be provided over Microsoft Teams or Zoom.

The Scientific Director may allow auditors to take part to one or more lectures.

Art. 6

Admission requirements

An admission application may be submitted by persons who have gained a 1st Cycle University Degree (Laurea Triennale/Laurea di I livello/Bachelor's Degree), awarded after the completion of at least a triennial university course. Candidates enrolled at the fourth year (or above) in a Single-Cycle University Course (5 or 6 years' University Course) are also eligible.

Applicants must have a good knowledge of English.

The above requirements are to be met at the closing date to submit applications.

The Administration may decide to exclude a candidate, at any time, with a motivated decision, if the prescribed requirements have not been met.

Art. 7

Admission application

The Course is open to a maximum of 30 participants and it will be activated with a minimum of 15. Candidates who intend to apply for admission to the Course must, **by and no later than 31 May, 2022, 11.59 PM:**

A. submit the application exclusively online, and ensure that the data requested are entered at the following address: <http://www.santannapisa.it/eurac/application>

B. the following documentation, in electronic format, is to be attached to the application:

1. All applicants:

- a curriculum vitae (European format is preferred);
- a language certificate, or a self-declaration form certifying the applicant knowledge of English;
- a motivation letter;
- other documents of interest (for example: publications, certificate of disability, ECTS);
- a current and valid identity document (ID or passport for non EU-applicants);

2. Applicants holding a degree from an Italian university or currently enrolled at an Italian University:

- a self-declaration form, certifying their academic qualifications and degrees obtained, or certifying their student's status, the list of the courses attended and grades obtained (in compliance with art. 47 of D.P.R. n. 445/2000).

3. Applicants holding a qualification obtained abroad (EU and NON-EU Countries):

- a copy of the degree certificates – or a copy of the official transcripts certifying their student's status, with the list of the courses attended and grades obtained – along with an English or Italian translation, unless written in English/French/Spanish/German.

The online application requires a registration and login procedure (including the creation of a "User ID" and of a "Password"). The required documentation shall be attached before completing the on-line application form. Applications received after the deadline or submitted in a form other than the one indicated in this article as well as incomplete applications, for whatever reason, will not be considered.

Falsification of documents and fraudulent statements are punished in accordance with the Italian Criminal Code and the special applicable laws, Art. 75 and Art. 76 of Presidential Decree (D.P.R.) No. 445/2000.

The Institution may monitor the truthfulness of the statements provided and the documents submitted at any time during the procedure, even after the Course has started, and request the original documents to be submitted. In the case of false statements the Institution may decide, at any time, to exclude candidates from the selection procedure, based on a motivated decision issued by the Rector, without prejudice to the resulting criminal liability.

Art. 8 **Selection of candidates**

The selection is made by a special Committee appointed by a decision issued by the Rector on the basis of the educational qualifications presented and the information entered in the online application form.

The Committee selects the candidates on the basis of the following parameters:

- a) Educational Qualification and Educational experience: 45/100
 - b) Relevant professional experience: 30/100
 - c) Knowledge of English language: 5/100
 - d) Motivation: 20/100
- TOTAL 100/100

Only applicants who achieved an overall assessment equal to or greater than 60 points will be considered eligible to attend the Summer School.

In case of equal ranking in the assessment phase, preference will be given to the younger candidates.

A Decision issued by the Rector duly approves the selection documents, as well as the merit ranking, and the successful candidates are announced at the end of the selection, subject to the condition of verifying the requirements and the educational qualifications stated, as indicated in art. 7 of this call for applications.

The educational qualifications gained at an Italian University or University Institute or gained at a foreign University or University Institute of equal standing are assessed by the selection Committee that reserves the right to request possible further documents.

At the end of the selection procedure the records of the selection process and the list of successful applicants will be approved with an official act of the Rector of the Scuola.

The list of the 30 admitted candidates will be published on the web-site of the Scuola (www.santannapisa.it) and notified by e-mail exclusively to the applicants who will be admitted to the Course.

One full waiver will be made available to the student that qualifies first in the admission selection on grounds of merit. Other full waivers might be made available by the course Director pursuant to a discretionary assessment of the Selection Committee in case existing financial resources are deemed sufficient.

In the event of renouncement of the participation of the first qualified by merit, the exemption is granted to the next candidates in the merit list, up to the third position.

The Scuola cannot be held responsible for expenses incurred by selected applicants if the course is cancelled because the minimum number of participants is not reached.

Art. 9 Enrolment fees

The Course enrolment fee amounts to **€ 650,00** (six hundred and fifty), which includes classes, teaching material, lunches on class days, transportation for classes offered outside the main venue.

Any other expenses – such as visa, accommodation and travel costs, etc. – are to be covered by the participants.

For those attending online, the Course enrolment fee amounts to **€ 350,00** (three hundred and fifty). **Please note that this option is granted at the discretion of the course Director.**

In the framework of the agreement “PA 110 e lode” between the Ministry of Public Administration and Scuola Superiore Sant’Anna, public employees of Italian administrative institutions can benefit of an extra 10% discount on the tuition fee.

Further information are made available at the link: <https://www.santannapisa.it/it/pa-110-e-lode>”.

It is not possible to pay the enrolment fee in instalments.

Pursuant to art. 9, paragraph 2 of Legislative Decree No. 68/2012 the Institution grants total exemption regarding payment of the enrolment fee in the case of students with a disability acknowledged to be equal to or greater than sixty-six percent, in accordance with art. 3, paragraph 1 of Law No. 104/1992, and applies a 1.5% reduction for every percentage point of disability in the case of students who have been acknowledged a disability of less than sixty-six percent. A student that intends to take advantage of the exemption or the reduction is required to attach an appropriate certificate to the online application.

A candidate forfeits the right to be refunded the sum paid as the attendance fee to the above-mentioned Course whenever waives attendance of the Course after having expressed his/her willingness to accept.

The fee already paid will be refunded if the Course is not initiated because the minimum number of participants fails to be reached.

Art. 10 Acceptance procedure and method of payment

Successful candidates who wish to attend the Course are required to confirm their attendance by the deadline indicated in the notification of admission, where will also be indicated the payment methods of the registration fee, that can be made by bank transfer or PagoPa procedure.

Art. 11 Educational Qualification issued

At the end of the Course only participants who have attended at least 85% of the classes, passed the final examination and have paid the tuition fee, will receive a Certificate of Attendance and two (2) ECTS.



Sant'Anna
School of Advanced Studies – Pisa



Co-funded by the
Erasmus+ Programme
of the European Union



JEAN MONNET
CENTRE OF EXCELLENCE

Art. 12

Person responsible for the competitive entrance examination procedure, personal data processing and prevention of corruption measures

Under the art. 5 of the Act n. 241/90 and ff.mm., the person in charge of the competition procedure is Mrs. Elena Cambi, Head of the U.O. Higher Education - Sant'Anna School of Advanced Studies - Via Maffi 27, 56127 Pisa - tel. 050/882645 - fax 050/882633 - e-mail: altaformazione@santannapisa.it.

Sant'Anna School of Advanced Studies (hereinafter the "School"), represented by the Rector, as Data Controller, under the article 13 of the EU General Data Protection Regulation n. 679/2016 and under the Italian Legislative Decree 30 June 2003 ("Privacy Code regarding the protection of personal data") with regard to the processing of personal data, and on his behalf, Giovanna Bottai, giovanna.bottai@santannapisa.it. Please read the privacy statement available at www.santannapisa.it/it/alta-formazione-info.

The Sant'Anna School of Advanced Studies operates in compliance with the legislation on the prevention of corruption (L.190 / 2012).